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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
		Application Number	10/616,500
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	July 10, 2003
		First Named Inventor	DALTON, James T.
		Group Art Unit	Not yet known 62
		Examiner Name	Not yet known S. Kumar
		Attorney Docket Number	P-5234-US1
1 of 4			

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
SK	A	10/298,229		Miller et al.	* 11-28-2002	
	B	10/270,232		Dalton et al.	* 10-15-2002	
	C	10/277,108		Dalton et al.	* 10-23-2002	
	D	10/270,233		Dalton et al.	* 10-15-2002	
	E	10/270,732		Dalton et al.	* 10-15-2002	
SK	F	10/371,213		Dalton et al.	* 02-24-2003	
	G	10/371,155		Dalton et al.	* 02-24-2003	
	H	10/371,209		Dalton et al.	* 02-24-2003	
	I	10/371,210		Dalton et al.	* 02-24-2003	
	J	10/359,270		Steiner et al.	* 02-06-2003	
SK	K	10/310,150		Steiner et al.	* 12-05-2002	
	L	6,160,011		Miller et al.	12-12-2000	
	M	6,071,957		Miller et al.	06-06-2000	
	N	6,482,861		Miller et al.	11-19-2002	
	O	6,019,957		Miller et al.	02-01-2000	
SK	P	6,492,554		Dalton et al.	12-10-2002	
	Q	6,569,896		Dalton et al.	05-27-2003	
	R	4,636,505		Tucker	01-13-1987	
	S	4,880,839		Tucker	11-14-1989	
	T	4,465,507		Konno, et al.	08-14-1984	
SK	U	3,875,229		Gold	04-01-1975	
	V	4,139,638		Neri, et al.	02-13-1979	
	W	4,191,775		Glen	03-04-1980	
	X	4,239,776		Glen, et al.	12-16-1980	
	Y	4,386,080		Crossley, et al.	05-31-1983	
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	AB	5,162,504		Horoszewicz	11-10-1992	
	AC	5,656,651		Sovak, et al.	08-12-1997	
SK						

Examiner Signature	S. Kumar	Date Considered	7/29/05
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<p>Substitute for form 1449B/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>		<b>Complete if Known</b>	
		Application Number	10/616,500
		Filing Date	July 10, 2003
		First Named Inventor	DALTON, James T.
		Group Art Unit	<del>Not yet known</del> 162
		Examiner Name	<del>Not yet known</del> S. Kumar
Attorney Docket Number	P-5234-US1		
Sheet	2	of	4

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

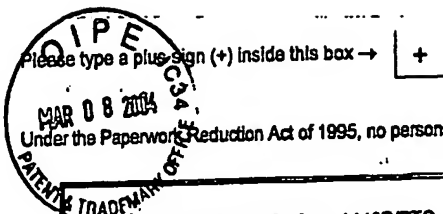
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>2</sup> Kind Code <sup>5</sup> (if known)				
SK	AD	WO	02 00617	Bristol-Myers Squibb	01-03-2002		
	AE	WO	01 27622	Bristol-Myers Squibb	04-19-2001		
	AF	WO	01 28990	Nobex Corporation	04-26-2001		
	AG	WO	01 34563	Nobex Corporation	05-17-2001		
	AH	WO	03 011302	Merck & Co.	02-13-2003		
	AI	WO	98 05962	Panvera Corporation	02-12-1998		
	AJ	WO	98/53826	U. of Tennessee	12-3-1998		
	AK	EP	0 100 172	Imperial Chemical Indust.	2-8-1984		
	AL	EP	0 040 932	Imperial Chemical Indust.	12-2-1981		
	AM	WO	95/19770	Sepracor Inc.	7-27-1995		
	AN	EP	0 253 503	Tucker	1-20-1988		
	AO	EP	000 2892	Imperial Chemical Indust.	2-6-1985		
	AP	JP	52-128329 Abst	Teikoku Hormone Mfg.	10-27-1977		
	AQ	JP	54-63047 Abst	Glen et al.	12-16-1980		
cl	AR	GB	1360001	Neri et al.	3-16-1970		
cl	AS	WO	02/016310	Dalton et al.	02-28-2002		
cl	AT	WO	98/55153	Dalton et al.	12-10-1998		

Examiner Signature	S. Kumar	Date Considered	7/29/05
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		Application Number	10/616,500
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Filing Date	July 10, 2003
		First Named Inventor	DALTON, James T.
		Group Art Unit	<del>Not yet known</del> 1621
		Examiner Name	<del>Not yet known</del> S. Kumar
(use as many sheets as necessary)		Attorney Docket Number	P-5234-US1
Sheet	3 of 4		

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
SE	AU	Eliason et al., "High Throughput Fluorescence Polarization-Based Screening Assays for the Identification of Novel Nuclear Receptor Ligands," Abstracts of Papers, 223rd ACS National Meeting, Orlando, FL, United States, (2002), April 7, 2002	
	AV	Howard Tucker and Glynne J. Chesterson, J. Med Chem. 1988, 31, pp. 885-887, "Resolution of the Nonsteroidal Antiandrogen - 4'-Cyano-3-[(4-fluorophenyl)sulfonyl]-2-hydroxy-2-methyl-3'-(trifluoromethyl)-propionanilide and the Determination of the Absolute Configuration of the Active Enantiomer "	
	AW	D. McKillop, et al., "Enantioselective metabolism and pharmacokinetics of Casodex in the male rat", Xenobiotica, 1995, Vol. 25, No. 6, 623-634.	
	AX	Leonid Kirkovsky, et al., "[ <sup>125</sup> I]-Radionated Bicalutamide Analogs as Potential Imaging Agents for Prostate Cancer", Poster Presentation MEDI 155, 214th ACS National Meeting, Las Vegas, NV, Sept. 7-11, 1997, Department of Pharmaceutical Sciences, University of Tennessee, Memphis, TN 38163	
	AY	David T. Baird and Anna F. Glasier, "Hormonal Contraception - Drug Therapy", The New England Journal of Medicine, May 27, 1993, pp. 1543 - 1549	
	AZ	F.C. W. Wu, "Male Contraception: Current Status and Future Prospects", Clinical Endocrinology, (1988), 29, pp. 443-465	
	BA	Carl Djerassi and S.P. Leibe, "A new look at male contraception", Nature, Vol. 370, pp. 11-12	
	BB	World Health Organisation Task Force on Methods for the Regulation of Male Fertility, "Contraceptive efficacy of testosterone-induced azoospermia in normal men", The Lancet, Vol. 336, October 20, 1990, pp. 955-959 and 1517-1518	
	BC	C. G. Francisco, et al., "Long-acting contraceptive agents: testosterone esters of unsaturated acids", Steroids, January 1990, vol. 55, Butterworths	
	BD	John M. Hoberman and Charles E. Yesalis, "The History of Synthetic Testosterone", Scientific American, February 1995, pp. 76-81.	
	BE	Leonid Kirkovsky, et al., "Approaches to Irreversible non-steroidal chiral antiandrogens", Department of Pharmaceutical Sciences, University of Tennessee, 47th Southeast/51st Southwest Joint Regional Meeting of the American Chemical Society, Memphis, TN, Nov. 29-Dec. 1, 1995	
	BF	David J. Handelsman, "Bridging the gender gap in contraception: another hurdle cleared" The Medical Journal of Australia, Vol. 154, February 18, 1996, pp. 230-233.	

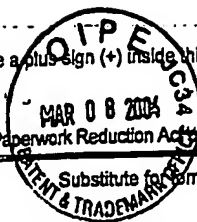
Examiner Signature	S. Kumar	Date Considered	7/29/05
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Sheet <span style="border: 1px solid black; padding: 0 5px;">4</span> of <span style="border: 1px solid black; padding: 0 5px;">4</span>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">10/616,500</td> </tr> <tr> <td>Filing Date</td> <td>July 10, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>DALTON, James T.</td> </tr> <tr> <td>Group Art Unit</td> <td><del>Not yet known</del> 1621</td> </tr> <tr> <td>Examiner Name</td> <td><del>Not yet known</del> S. Kumar</td> </tr> <tr> <td>Attorney Docket Number</td> <td>P-5234-US1</td> </tr> </table>		Application Number	10/616,500	Filing Date	July 10, 2003	First Named Inventor	DALTON, James T.	Group Art Unit	<del>Not yet known</del> 1621	Examiner Name	<del>Not yet known</del> S. Kumar	Attorney Docket Number	P-5234-US1
Application Number	10/616,500														
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First Named Inventor	DALTON, James T.														
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Examiner Name	<del>Not yet known</del> S. Kumar														
Attorney Docket Number	P-5234-US1														

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Citation	T <sup>2</sup>
<div style="font-size: 2em;">S</div> <div style="font-size: 2em;">K</div>	BG	Edwards JP, Higuchi RI, Winn DT, Pooley CLF, Caferro TR, Hamann LG, Zhi L, Marschke KB, Goldman ME, and Jones TK. Nonsteroidal androgen receptor agonists based on 4-(trifluoromethyl)-2H-pyrano[3,2-g]quinolin-2-one. Bioorg. Med. Chem. Lett., 9: 1003, 1999.	
	BH	Zhi L, Tegley CM, Marschke KB, and Jones TK. Switching androgen receptor antagonists to agonists by modifying C-ring substituents on piperidino[3,2-g]quinolone. Bioorg. Med. Chem. Lett., 9: 1009, 1999.	
	BI	Higuchi RI, Edwards JP, Caferro TR, Ringgenberg JD, Kong JW, Hamann LG, Arienti KL, Marschke KB, Davis RL, Farmer LJ, and Jones TK. 4-Alkyl- and 3,4-diakyl-1,2,3,4-tetrahydro-8-pyridono[5,6-g]quinolines: potent, nonsteroidal androgen receptor agonists. Bioorg. Med. Chem. Lett., 9:1335, 1999.	
	BJ	Hamann LG, Mani NS, Davis RL, Wang XN, Marschke KB, and Jones TK. Discovery of a potent, orally active nonsteroidal androgen receptor agonist: 4-ethyl-1,2,3,4-tetrahydro-6-(trifluoromethyl)-8-pyridono[5,6-g]-quinoline (LG121071). J. Med. Chem., 42: 210, 1999.	
	BK	Rosen J, Day A, Jones TK, Jones ET, Nadzan AM, and Stein RB. Intracellular receptors and signal transducers and activators of transcription superfamilies: novel targets for small-molecule drug discovery. J. Med. Chem., 38: 4855, 1995.	
	BL	Dalton JT, Mukherjee A, Zhu Z, Kirkovsky L, and Miller DD. Discovery of Nonsteroidal Androgens. Biochem. Biophys. Res. Commun., 244(1):1-4, 1998.	
	BM	Edwards JP, West SJ, Pooley CLF, Marschke KB, Farmer LJ, and Jones TK. New nonsteroidal androgen receptor modulators based on 4-(trifluoromethyl)-2-(1H)-Pyrololidino[3,2-g]quinolone. Bioorg. Med. Chem. Lett., 8: 745, 1998.	
	BN	Berger et al., "Concepts and limitations in the application of radiolabeled antiandrogens, estrogens, or androgens as isotropic scanning agents for the prostate", Invest. Urol., (1975), 1391, 10-16	

Examiner Signature	<div style="font-size: 1.5em;">S. Kumar</div>	Date Considered	<div style="font-size: 1.5em;">7/29/05</div>
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